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us-09-033-662-2.rai

Sequence 7, Appli Sequence 35, Appl Sequence 9, Appl Sequence 31, Appl Sequence 2, Appl Sequence 2, Appli Sequence 2, Appli Sequence 2, Appli Sequence 56, Appli Sequence 56, Appli Sequence 50, Appli Sequence 2, Appli Sequence 10, Appli Patent No. 5134596 Patent No. 513739 Patent No. 5219739 524084811 US-08-824-996-9 US-08-824-996-9 US-08-86-0398-31 5219739-19 US-08-56-72004-2 US-08-691-794-2 US-08-691-794-2 US-08-691-794-2 US-08-691-794-2 US-08-691-794-2 US-08-795-430-56 US-08-795-430-56 US-08-795-430-56 US-08-795-430-17 US-09-042-105-7 US-08-586-039B-35 US-08-469-427A-15 2232 2214 2214 2232 2332 2332 1190 1190 1190 1190 1190 1190 229. 228. 227. 227. 227. 227. 227.

APPLICANT: ETIASSON, UIT
APPLICANT: ETIASSON, UIT
APPLICANT: Alitalo, Kari
ATILE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: DA CODING THEREFOR
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Evenson, McKeown, Edwards & Lenahan
STREET: 1200 G Street, N.W., Suite 700
CITY: Washington
STATE: DC
ZIP: 20005
ZIP: 20005
ZIP: PLODPY disk
COMPUTER: FLODPY disk
COMPUTER: ELODPY Alisk
COMPUTER: DA COMPATIBLE PORMS:
COMPUTER: DA COMPATIBLE PORMS:
COMPUTER: PLODPY ALISK
COMPUTER: PLO (Sequence 11, Application US/08469427A)
Patent No 5607918
GENERAL INFORMATION: NEKAL INFORMATION.
APPLICANT: Eriksson, Ulf
APPLICANT: Olofsson, Birgitta -08-469-427A-11

SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/469,427A FILING DATE: 06-JUN-1995 CLASSIFICATION:

3EST AVAILABLE COPY

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-MAR-1995
ATTORNEY/AGENT INFORMATION:

NAME: Evans, Joseph D
REGISTRATION NUMBER: 26,269
REFERENCE/DOCKET NUMBER: 41979cp2
TELECOMUNICATION INFORMATION:
TELEPHONE: (202) 628-8844
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 188 amino acids
TYPE: amino acid

single linear

human fibrosarcoma

/cgn2_6/ptodata/2/iaa/5B_COWB.pep:* /cgn2_6/ptodata/2/iaa/6A_COWB.pep:* /cgn2_6/ptodata/2/iaa/6B_COWB.pep:* /cgn2_6/ptodata/2/iaa/PCTUS_COWB.pep:* /cgn2_6/ptodata/2/iaa/PcTUS_COWB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

	Description	:,	1 :	Sequence 11, Appl	57,	15,	15,	5, A	5	δ,	7	7	7	13,	13,	6	6	6	~	7	2,	49	524	c	521973	П	7	4
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	GenCore version 4.5 Copyright (c) 1993 - 2000 Compugen Ltd.	
OM protein - pro	OM protein - protein search, using sw model	
Run on:	June 11, 2001, 16:10:28; Search time 13.17 Seconds (without alignments) 322.369 Million cell updates/sec	
Title: Perfect score: Sequence:	US-09-033-662-2 1238 1 MRRCRISGRPPAPPGVPAQACQGRGLELNPDTCRCRKLRR 221	
Scoring table:	BLOSUM62 Gapop 10.0 , Gapext 0.5	
Searched:	185757 seqs, 19210857 residues	
Total number of	Total number of hits satisfying chosen parameters: 185757	
Minimum DB seq length: 0 Maximum DB seq length: 2	Minimum DB seq length: 0 Maximum DB seq length: 2000000000	
Post-processing	Post-processing: Minimum Match 00% Maximum Match 100% Listing first 45 summaries	SO ::
Database :	Issued_Patents_AA:* 1: /cgn2_6/ptodata/2/laa/5A_COMB.pep:*	

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MOLECULE TYPE: protein
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US-08-569-063C-11
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                                                                                                   18 PAQAPVSQPDAPGHQRKVVSWIDVYTRATCQPREVVVPLTVELMGTVAKQLVPSCTVQR 77
                                                                                PAQAPVSQPDAPGHQRKVVSWIDVYTRATCQPREVVVPLTVELMGTVAKQLVPSCVTVQR 76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: PAJUSOLA, KALTI
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: DNA CODING THEREFOR
  Length 188;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CORRESPONDENCE ADDRESS:
ADDRESSEE: Evenson, MCKeown, Edwards & Lenahan, P.L.L.
STREET: 1200 G Street, N.W., Suite 700
CITY: Washington
                                         1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/609,443B
FILING DATE: 01-MAR-1996
CLASSIFICATION: 435
74.2%; Score 918; DB 1;
82.9%; Pred. No. 4.2e-77;
live 0; Mismatches 1;
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PELCATION DATA:
APPLICATION NUMBER: US 08/397,651
FILING DATE: 01 MAR-1995
FRICATION NUMBER: US 08/469,427
FRICATION NUMBER: US 08/469,427
FILING DATE: 06-JUN-1995
FRILING DATE: 06-JUN-1995
FRILING DATE: 06-JUN-1995
FRILING DATE: 06-DEC-1995
FRILING DATE: 06-DEC-1995
FRILING DATE: 06-DEC-1995
FRILING DATE: 06-JUN-1995
FRILING TO THE TELEPROME (202) 628-8800
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 11, Application US/08609443B Patent No. 45840698.
                                                                                                                                                                                                                                                                                                                                             164 RSFLRCQGRGLELNPDTCRCRKLRR 188
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OLOFSSON, Birgitta
ALITALO, Kari
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MOLECULE TYPE:
HYPOTHETICAL:
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US-08-609-443B-11
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                                       Matches 170;
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STATE:
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137 AATPHHRPQPRSVPGWDSAPGAPSPADITQSHSSPRPLCPRCTQHHQCPDPRTCRCRCRR 196
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                                                                                                                                                                                                                                                                                                                                                                                                                        34; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No. 592092.
GENERAL INFORMATION:
APPLICANT: ERIKSSON, Ulf
APPLICANT: OLOESSON, Birgitta
APPLICANT: ALITALO, Kari
APPLICANT: ALITALO, Kari
APPLICANT: ALITALO, Kari
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: DNA CODING THEREFOR-
TITLE OF INVENTION: DNA CODING THEREFOR-
                                                                                                              Length 188;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Evenson, McKeown, Edwards & Lenahan, P.L.L.C. STREET: 1200 G Street, N.W., Suite 700 CITY: Washington
                                                                                                                                                              1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SCETABLE PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/569,063C
FILING DATE: 06-DEC-1995
PRIOR APPLICATION NUMBER: US 08/469,427
FILING DATE: 06-JUN 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: BYARS, JOSEPH D
                                                                                                            Score 918; DB 2;
Pred. No. 4.2e-77;
0; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 26,269
REFERENCE/DOCKET NUMBER: 1064/41979CP3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-8800
; ORIGINAL SOURCE:
; TISSUE TYPE: human fibrosarcoma
US-08-609-443B-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 11, Application US/08569063C
; Patent No. 5928939
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         197 RSFLRCQGRGLELNPDTCRCRKLRR 221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  IBM PC compatible
                                                                                                                 74.2%;
82.9%;
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INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       188 amino acids
                                                                                                                 Query Match 74.2
Best Local Similarity 82.9
Matches 170; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC
OPERATING SYSTEM:
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APPLICANT: Alitalo, Kari
APPLICANT: Joukov, Vladimir
TITLE OF INVENTION: Vascular Endothelial Growth Factor C (VEGF-C)
TITLE OF INVENTION: Protein and Gene, Mutants Thereof, and Uses Thereof
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                      77 CGGCCPDDGLECVPTGQHQVRMQILMIRYPSSQLGEMSLEEHSQCECRPKKDSAVKPDR 136
                                                                                                                                                                                                        18 PAQAPVSQPDAPGHQRKVVSWIDVYTRATCQPREVVVPLTVELMGTVAKQLVPSCVTVQR
                                                                                                                                                                               PAQAPVSQPDAPGHQRKVVSWIDVYTRATCQPREVVVPLTVELMGTVAKQLVPSCVTVQR
                                                                                                                                                                                                                                                                                  CGGCCPDDGLECVPTGQHQVRMQILMIRYPSSQLGEMSLEEHSQCECRPKKKDSAVKPD-
                                                                                                   Length 188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3: Marshall, O'Toole, Gerstein, Murray & Borun 6300 Sears Tower, 233 South Wacker Drive
                                                                                ; DB 2; Leus.
. 4.2e-77;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/795,430
                                                                                                 Ouery Match 74.2%; Score 918; DB Best Local Similarity 82.9%; Pred. No. 4.2e Matches 170; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: PCT/F196/00427
FILING DATE: 01-AUG-1996
PRIOR APPLICATION NUMBER: 08/671,573
FILING DATE: 28-JUN-1996
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: 630v -
CITY: Chicago
STATE: 1111nois
COUNTRY: United States of America
7.TP: 6060-6402
                                                                                                                                                                                                                                                                                                                                                                                                                                         human fibrosarcoma
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/510,133
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/340,011
FILING DATE: 14-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: Gass, David A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 57, Application US/08795430 Patent No. 6130071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 08/601,132 FILING DATE: 14-FEB-1996
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) ORIGINAL SOURCE:

) TISSUE TYPE:

US-08-569-063C-11
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APPLICANT: PAJUSOLA, KARÍ
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWIH FACTOR-B AND
NUMBER OF SEQUENCES: 57
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                                                                                                                                                                                                                                                                     Indels
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. 4.2e-77;
1;
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                                                                                                                                                                                                                                       Score 918; DB Pred. No. 4.2e-0; Mismatches
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Suite 700
38,153
R: 28967/33691
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FILING DATE: 01-MAR-1996
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/469,427
FILING DATE: 06-UNN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/569,063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-MAR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 15, Application US/08609443B Patent No. 5840693
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Evenson, McKeown,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1200 G Street, N.W.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: ERIKSSON, ULF
APPLICANT: OLOFSSON, Birgitta
                 REFERENCE/DOCKET NUMBER: 28
TELECOMMUNICATION INFORMATION:
                                                                                                                                                  not relevant
                                           TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: 25-3856
INPORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
LENGTH: 188 amino acids
'TYPE: amino acid
                                                                                                                                                                                                                                         74.2%;
82.9%;
                                                                                                                                                                                                                                                                      Matches 170; Conservative
                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-795-430-57
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Washington
                                                                                                                                                                                                                                         Ouery Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 01 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 USA
                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 20005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 5
US-08-609-443B-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
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137 AATPHHRPQPRSVPGWDSAPGAPSPADITQSHSSPRP 173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            138 AATPHHRPQPRSVPGWDSAPGAPSPADIT--HPTPAP 172
REFERENCE/DOCKET NUMBER: 1064/41979CP3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 01-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Evans, Joseph D
REGISTRATION NUMBER: 26,269
REFERENCE/DOCKET NUMBER: 41979cp2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 5, Application US/08469427A Patent No. 5607918
                        TELECOMMUNICATION INFORMATION TELEPHONE: (202) 628-8800
                                        TELEPHONE: (202) 628-8800
TELEFAX: (202) 628-8844
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                    Query Match 66.6%;
Best Local Similarity 96.8%;
Matches 152; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Floppy disk
                                                                                                                                 LENGTH: 207 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (202) 628-8844
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                   linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Erikss
                                                                                                                                                                                                   TOPOLOGY: lines
MOLECULE TYPE: pr
ORIGINAL SOURCE:
TISSUE TYPE: hu
                                                                                                                                                                                                                                                                                         US-08-569-063C-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 CGCCCPDDGLECVPTGGHQVRMQ1LMIRYPSSQLGEMSLEEHSQCECRPKKKDSAVKPDR 137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        18 PAQAPVSQPDAPGHQRKVVSWIDVYTRATCQPREVVVPLTVELMGTVAKQLVPSCVTVQR 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 17 PAQAPVSQPDAPGHQRKVVSWIDVYTRATCQPREVVVPLTVELMGTVAKQLVPSCVTVQR 76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 15, Application US/08569063C

Patent No. 5928939

GENERAL INFORMATION:
APPLICANT: ERIKSSON, U1f

APPLICANT: ALITALO, Rari
APPLICANT: ALITALO, Rari
APPLICANT: ALITALO, Rari
APPLICANT: PAJUSOLA, RALI
APPLICANT: ADDRESS: 3

CORRESPONDENCE: 23

CORRESPONDENCE ADDRESS: 3

STREET: 1200 G Street, N.W., Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 207;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: PC_DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILLING DATE: US/08/569,063C
FILING DATE: 06-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 824; DB 2;
Pred. No. 1.9e-68;
1; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         137 AATPHHRPQPRSVPGWDSAPGAPSPADITQSHSSPRP 173
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/469,427
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-MAR-1995
ATTORNES/AGENT INFORMATION:
NAME: EVANS, JOSEPH D
REGISTRATION NUMBER: 26,269
                        ATTORNEY/AGENT INCOMMENTARY
NAME: EVANS, JOSEPh D
REGISTRATION NUMBER: 26,269
REFERENCE/DOCKET NUMBER: 1064/
TELEPOMMUNICATION INFORMATION:
TELEPRAX: (202) 628-8800
TELEFAX: (202) 628-8800
TELEFAX: (202) 628-884
; INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 207 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 20005
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                             66.6%;
96.8%;
    06-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 96.8
Matches 152; Conservative
                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: protein
; ORIGINAL SOURCE:
; TISSUE TYPE: human
US-08-609-443B-15
                                                                                                                                                                                                                                            TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                         linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Washington
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    FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 6
US-08-569-063C-15
                                                                                                                                                                                                                                                                                         POPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE:
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77 CGGCCPDDGLECVPTGQHQVRMQILMIRYPSSQLGEMSLEEHSQCECRPKKKDSAVKPDR 136
                                                                                                                                                                                                                                                                            1 | CGCCCPDDGLECVPTGGHQVRMQILMIRYPSSQLGEMSLEEHSQCECRPKKKDSAVKPDR 137
                                                                                                                     17 PAQAPVSQPDAPGHQRKVVSWIDVYTRATCQPREVVVPLTVELMGTVAKQLVPSCVTVQR 76
                                                                                                                                                           18 PAQAPVSQPDAPGHQRKVVSWIDVYTRATCQPREVVVPLTVELMGTVARQLVPSCVTVQR 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: ETIKSON, Ulf
APPLICANT: Olofsson, Birgitta
APPLICANT: Alitalo, Rari
APPLICANT: Alitalo, Rari
APPLICANT: Pajusola, Ratri
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: DNA CODING THEREFOR
NUMBER OF SEQUENCES: 17
CORRESSONDENCE ADDRESS:
ADDRESSE: Eveneon, McKeown, Edwards & Lenahan
STREET: 1200 G Street, N.W., Suite 700
CITY: Washington
   Length 207;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,427A
FILING DATE: 06-JUN-1995
CLASSIFCATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/397,651
Score 824; DB 2; L
Pred. No. 1.9e-68;
1; Mismatches 2;
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us-09-033-662-2.rai

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ORIGINAL SOURCE:
; TISSUE TYPE: 6
US-08-609-443B-5
                                                                                                                                                      TYPE: amino a
                                                                                                                                                                                                                                                                MOLECULE TYPE:
                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 139 TPHHRPQPRSVPGWDSAPGAPSPADITQSHSSPRPLCPRCTQHHQCPDPRTCRCRRRS 198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ---SPRILCPPCTQRRQRPDPRTCRCRRRR 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             20 QAPVSQFDGPSHQKKVVPWIDVYARATCQPREVVVPLSMELMGNVVKQLVPSCVTVQRCG 79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        19 QAPVSQPDAPGHQRKVVSWIDVYTRATCQPREVVVPLTVELMGTVAKQLVPSCVTVQRCG 78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        80 GCCPDDGLECVPTGQHQVRMQILMIQYPSSQLGEMSLEEHSQCECRPKKKESAVKPD---
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 5, Application US/08609443B
Patent No. 5840693
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT:
AP
                                                                                                                                                                                                                                                                                                                                             Length 188,
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1200 G Street, N.W., Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                   indels
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                                                                                                                                                                                                                                                                                                                                                                                                                           6; Mismatches
                                                                                                                                                                                                                                                                                                                                             Score 796;
Pred. No. 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/609,443B
FILING DATE: 01-MAR-1996
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-WAR-1995
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                        TOPOLOGY: linear

MOLECULE TYPE: protein

HYPOTHETICAL: NO

ORIGINAL SOURCE:

TISSUE TYPE: adult mouse heart
US-08-469-427A-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            199 FLRCQGRGLELNPDTCRCRKLRR 221
                                                                                                                                                                                                                                                                                                                                             64.3%;
72.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: EVANS, Joseph D
REGISTRATION NUMBER: 26,
REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                         Query Match 64.3
Best Local Similarity 72.9
Matches 148; Conservative
single
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 1200 G S'CITY: Washington
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YAOD STANILABLE COPY
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                                                                                                                                                                                                                                                       139 TPHHRPQPRSVPGWDSAPGAPSPADITQSHSSPRPLCPRCTQHHQCPDPRTCRCRCRRRS
                                                                                                                                                                                                                            34;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: ALITALO, KATI
APPLICANT: PAJUSOLA, KATI
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: DNA CODING THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Lenahan, P.L.L.C
                                                                                                                                                                                                                            Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                               Score 796; DB 2;
Pred. No. 6.4e-66;
6; Mismatches 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1064/41979CP3
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FILING DATE: 06-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  adult mouse heart
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Sequence 5, Application US/08569063C
; Patent No. 5928939
                                                                                                                                                                                                                                                                                                                                                                                                                                                         166 FLHCOGRGLELNPDTCRCRKPRK 188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COPERATING SÝSTEM: PC-DOS/MG-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: ERIKSSON, Ulf
APPLICANT: OLOFSSON, Birgitta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            26,269
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1200 G Street, N.W.
                                                                                                                                                                                               Ouery Match
Best Local Similarity 72.94;
Matches 148; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US OF FILING DATE: 01-MAR-1995 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: EVANS, Joseph D
REGISTRATION NUMBER: 26,
REFERENCE/DOCKET NUMBER:
                                        LENGTH: 188 amino acids
TYPE: amino acid
TELEFAX: (202) 628-8844
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQUENCES: 2.
CORRESPONDENCE ADDRESS:
ADDRESSEE: Evenson, I
STREET: 1200 G Street
                                                                       single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 20005
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Washington
                                                                                    linear
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TELEFAX: (202) 628-8844 INFORMATION FOR SEQ ID NO:
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                                                                                                                            linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             140 VKPD-----
                                                                                                     STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20005
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                                                             LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 --SPRILCPPCTQRRQRPDPRTCRCRCRRRR 165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GCCPDDGLECVPTGQHQVRMQILMIRYPSSQLGEMSLEEHSQCECRPKKKDSAVKPDRAA 138
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 80 GCCPDDGLECVPTGQHQVRMQILMIQYPSSQLGEMSLEEHSQCECRPKKKESAVKPD--- 136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       139 TPHHRPQPRSVPGWDSAPGAPSPADITQSHSSPRPLCPRCTQHHQCPDPRTCRCRCRRRS 198
                                                                                                                                                                                                                                                                                                                                                                                                                                  20 QAPVSQEDGPSHQKKVVPWIDVYARATCQPREVVVPLSMELMGNVVKQLVPSCVTVQRCG 79
                                                                                                                                                                                                                                                                                                                                                                                                           19 QAPVSQPDAPGHQRKVVSWIDVYTRATCQPREVVVPLTVELMGTVAKQLVPSCVTVQRCG 78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND TITLE OF INVENTION: DNA CODING THEREFOR NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                               ; DB 2; Length 188; 6.4e-66;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEE: Evenson, McKeown, Edwards & Lenahan: 1200 G Street, N.W., Suite 700 Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM: PC_DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                           Ouery Match 64.3%; Score 796; DB
Best Local Similarity 72.9%; Pred. No. 6.4e
Matches 148; Conservative 6; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/469,427A FILING DATE: 06-JUN-1995 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-MAR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Evans, Joseph D
REGISTRATION NUMBER: 26,269
REFERENCE/DOCKET NUMBER: 41979cp2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                              adult mouse heart
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 7, Application US/08469427A
Patent No. 5607918
GENERAL INFORMATION:
APPLICANT: Eriksson, Ulf
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             199 FLRCQGRGLELNPDTCRCRKLRR 221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-nocompage SOFTWARP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Olofsson, Birgitta
  TELECOMMUNICATION INFORMATION
                   TELEPHONE: (202) 628-8800
TELEFAX: (202) 628-8844
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISICS:
LENGTH: 188 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (202) 628-8800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Olofsson, Birgil
APPLICANT: Alitalo, Kari
APPLICANT: Pajusola, Katri
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 01-MAR-1995 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                        TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
                                                                                                                                             single
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MEDIUM TYPE: Floppy
                                                                                                                          TYPE: amino acid
STRANDEDNESS: sir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 06 CLASSIFICATION:
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, TISSUE TYPE: 6

US-08-569-063C-5
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STREET: 12
CITY: Wash
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US-08-469-427A-7
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80 GCCPDDGLECVPTGQHQVRMQVPGPMGQILMIQYPSSQLGEMSLEEHSQCECRPKKKESA 139
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              132 VKPDRAATPHHRPQPRSVPGWDSAPGAPSPADITQSHSSPRPLCPRCTQHHQCPDPRTCR 191
                                                                                                                                                                                                                                                                                                                                                                 41; Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                             20 QAPVSQEDGPSHQKKVVPWIDVYARATCQPREVVVPLSMELMGNVVKQLVPSCVTVQRCG 79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: BRIKSSON, Ulf
APPLICANT: OLOFSSON, Birgitta
APPLICANT: ALITALO, Kari
APPLICANT: PAJUSOLA, Katri
APPLICANT: PAJUSOLA, Katri
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: DNA CODING THEREFOR
NUMBER OF SEQUENCES: 57
                                                                                                                                                                                                                                                                                                             Length 195;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Lenahan, P.L.L.C
                                                                                                                                                                                                                                                                                                                                                                 Indels
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/609,443B
                                                                                                                                                                                                                                                                                                           Score 782.5; DB 1
Pred. No. 1.2e-64;
6; Mismatches 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Evenson, McKeown, Edwards & STREET: 1200 G Street, N.W., Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              166 CRCRRRFFLHCQGRGLELNPDTCRCRKPRK 195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                192 CRCRRRSFLRCQGRGLELNPDTCRCRKLRR 221
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-WAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/469,427
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 08/569,063
FILING DATE: 06-DEC-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                   ; ORIGINAL SOURCE:
; TISSUE TYPE: adult mouse heart
US-08-469-427A-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 7, Application US/08609443B
Patent No. 5840693
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                           Query Match 63.2%;
Best Local Similarity 70.5%;
Matches 148; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  01-MAR-1996
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                     : 195 amino acids
amino acid
SEQUENCE CHARACTERISTICS
                                                                            single
                                                                                                                             MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 5.
CORRESPONDENCE ADDRESS:
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PRIOR APPLICATION DATA
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                                                                                                                                                                                                                                                                                                                                                                                           QAPVSQPDAPGHQRKVVSWIDVYTRATCQPREVVVPLTVELMGTVAKQLVPSCVTVQRCG
                                                                                                                                                                                                                                                                                                                                                                                                              VKPDRAATPHHRPQPRSVPGWDSAPGAPSPADITQSHSSPRPLCPRCTQHHQCPDPRTCR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: ERIKSSON, U1f
APPLICANT: ALITALO, Kari
APPLICANT: ALITALO, Kari
APPLICANT: PAJUSOLA, Kari
APPLICANT: PAJUSOLA, Kari
TITLE OF INVENTION: UASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: DNA CODING THEREFOR
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Evenson, McKeown, Edwards & Lenahan, P.L.L.C.
                                                                                                                                                                                                                                                                                                                        Length 195;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SYSTEM: PC-DOS/MS-DOS
PatentIn Release #1.0, Version #1.25.
                                                                                                                                                                                                                                                                                                                                          .2e-64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 1200 G Street, N.W., Suite 700 GTTY: Washington STATE: DC COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                          Pred. No. 1.26
6; Mismatches
                                                                                                                                                                                                                                                                                                                       Score 782.5;
             26,269
FP: 1064/41979CP4
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APPLICATION NUMBER: US/08/569,063C
FILING DATE: 06-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 08/469,427 FILING DATE: 06-JUN-1995 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/397,651 FILING DATE: 01-MAR-1995
                                                                                                                                                                                                                                      ORIGINAL SOURCE:
TISSUE TYPE: adult mouse heart
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 7, Application US/08569063C Patent No. 5928939
NAME: EVANS, JOSEPh D
REGISTRATION UNUMBER: 26,269
REFERENCE/DOCKET NUMBER: 1064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-8840
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                        63.2%;
llarity 70.5%;
Conservative (
                                                                                                                                    LENGTH: 195 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                     MOLECULE TYPE: protein HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
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Best Local Similarity
Matches 148; Conserv
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TOT AVAILABLE COPY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    80 GCCPDDGLECVPTGQHQVRMQVPGPMGQILMIQYPSSQLGEMSLEEHSQCECRPKKKESA 139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          --SPRILCPPCTQRRQRPDPRTCR 165
                                                                                                                                                                                                                                                                                                                                                                                                                              20 QAPVSQFDGPSHQKKVVPWIDVYARATCQPREVVVPLSMELMGNVVKQLVPSCVTVQRCG 79
                                                                                                                                                                                                                                                                                                                                                                                                            19 QAPVSQPDAPGHQRKVVSWIDVYTRATCQPREVVVPLTVELMGTVAKQLVPSCVTVQRCG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      VKPDRAATPHHRPQPRSVPGWDSAPGAPSPADITQSHSSPRPLCPRCTQHHQCPDPRTCR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: ERIKSSON, U1f
APPLICANT: OLOFSSON, Birgitta
APPLICANT: ALTTALO, Kari
APPLICANT: PAJUSOLA, Katri
APPLICANT: PAJUSOLA, Katri
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: DNA CODING THEREFOR
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                        Length 195;
                                                                                                                                                                                                                                                                                                                                                                         Indels
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                                                                                                                                                                                                                                                                                                                                                      .2e-64;
                                                                                                                                                                                                                                                                                                                                    63.2%; Score 782.5;
ilarity 70.5%; Pred. No. 1.2e
Conservative 6; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               166 CRCRRRRFLHCQGRGLELNPDICRCRKPRK 195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          192 CRCRRRSFLRCQGRGLELNPDTCRCRKLRR 221
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01-MAR-1996
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/08/609,443
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 13, Application US/08609443B Patent No. 5840693
                                                                                                                                                                                                                                             ORIGINAL SOURCE:
TISSUE TYPE: adult mouse heart
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                  26,269
NAME: EVANS, Joseph D
REGISTRATION NUMBER: 26,265
REFERENCE/DOCKET NUMBER: 10
TELECOMMUNICATION INFORMATION:
                                                                  TELEPHONE: (202) 628-8800
TELEFAX: (202) 628-8844
INFORMATION FOR SEQ ID NO: 7:
                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 195 amino acids
TYPE: amino acid
STRANDEDNESS: single
STRANDEDNESS: single
MOLECULE TYPE: protein
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Washington
                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,427A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Evans, Joseph D
REGISTRATION NUMBER: 26,269
REFERENCE/DOCKET NUMBER: 41979cp2
TELECOMMUNICATION INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-MAR-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 9, Application US/08469427A
Patent No. 5607918
                     NAME: EYANS, JOSEPH D
REGISTRATION NUMBER: 26,269
REPERENCE/DOCKET NUMBER: 1064,
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-8800
TELEFAX: (202) 628-8844
INPORMATION FOR SEQ ID NO: 13:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                           58.5%;
85.2%;
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TELEFAX: (202) 628-8844
INFORMATION FOR SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                       : 207 amino acids
amino acid
                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 85.28
Matches 132; Conservative
                                                                                                                                                                  SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                 TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
TISSUE TYPE: mouse
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM:
SOFTWARE: Patentl
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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                                                                                                                                                                                                                              TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: OLOFSSON, Birgitta
APPLICANT: ALITALO, Kari
APPLICANT: PAJUSOLA, Katri
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: DNA CODING THEREFOR
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Evenson, McKeown, Edwards & Lenahan, P.L.L.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 207;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 E: Evenson, McKeown, Edwards & Lenahan, P.L.L.C. 1200 G Street, N.W., Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        14; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 724; DB 2;
Pred. No. 2.8e-59;
7; Mismatches 14;
          FILING DATE: 06-UUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/569,063
FILING DATE: 06-DEC-1995
ATTORNEY,AGENT INFORMATION:
NAME: EVANS, JOSEPH D.
REGISTRATION NUMBER: 26,269
REFERENCE/DOCKET NUMBER: 1064/41979CP4
TELECHOMONICATION INFORMATION:
TELEPAX: (202) 628-8804
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 207 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       140 IPHHRPQPRSVPGWDSTPGASSPADII--HPTPAP 172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 139 TPHHRPQPRSVPGWDSAPGAPSPADITQSHSSPRP 173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION DATE: 06-DEC-1393
PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/469,427
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/397,651
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/08/569,063C
FILING DATE: 06-DEC-1995
US 08/469,427
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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OLOFSSON, Birgitta
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85.2%;
                                                                                                                                                                                                                                                                                         I: 207 amino acids amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 58.5
Best Local Similarity 85.2
Matches 132; Conservative
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; TISSUE TYPE: mouse
US-08-609-443B-13
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: protoRIGINAT
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APPLICANT: ERIKSS
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US-08-569-063C-13
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79 GCCPDDGLECVPTGQHQVRMQILMIRYPSSQLGEMSLEEHSQCECRPKKKDSAVKPDRAA 138
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                                                                                                                           19 QAPVSQPDAPGHQRKVVSWIDVYTRATCQPREVVVPLTVELMGTVAKQLVPSCVTVQRCG 78
                                                                                                                                                                  20 QAPVAQEDGPSHQKKVVPWIDVYARATCQPREVVVPLSMELMGNVVKQLVPSCVTVQRCG 79
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APPLICANT: Olofsson, Birgitta
APPLICANT: Olofsson, Birgitta
APPLICANT: Palusola, Karii
APPLICANT: Palusola, Karii
APLICANT: Palusola, Karii
APLICANT: Palusola, Karii
APLICANT: Palusola, Karii
APLICANT: Dana CODING THEREFOR
NUMBER OF SEQUENCES: 17
CORRESPONDENCES: 17
ADDRESSEE: Evenson, McKeown, Edwards & Lenahan
STREET: 1200 G Street, N.W., Suite 700
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SYSTEM: PC-DOS/MS-DOS
PatentIn Release #1.0, Version #1.25
Score 724; DB 2;
Pred. No. 2.8e-59;
                                                                                                                                                                                                                                                                                                                                                                                    139 TPHHRPQPRSVPGWDSAPGAPSPADITQSHSSPRP 173
                                                                                                                                                                                                                                                                                                                                                                                                                     7; Mismatches
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 133 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-469-427A-9
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		0; Gaps	CG 78	CG 79		
,		; 0	TVOR	IVOR		
Length 133;			STVAKOLVPSČVI	SNVVKQLVPSCVJ	SECRPKKK 128	SECRPKKK 129
1;	43;	,	ELMO	ELM	HSOC	HSOC
DB	7e-	S	LTV	LSM	SLEE	SLEE
43.9%; Score 543; DB 1; Length 133;	90.0%; Pred. No. 6.7e-43;	Matches 99; Conservative 4; Mismatches 7; Indels	19 QAPVSQPDAPGHQRKVVSWIDVYTRATCQPREVVVPLTVELMGTVARQLVPSCVTVQRCG 78	20 QAPVSQFDGPSHQKKVVPWIDDVXARATCQPREVVVPLSMELMGNVVKQLVPSCVTVQRCG 79	79 GCCPDDGLECVPTGQHQVRMQILMIRYPSSQLGEMSLEEHSQCECRPKKK 128	80 GCCPDDGLECVPTGQHQVRMQILMIQYPSSQLGEMSLEEHSQCECRPKKK 129
	90.06;	ative	KVVSWIDV	KVVPWIDV	CHOVRMOII	SQHQVRMQII
	Best Local Similarity	Conserv	PDAPGHOR)FDGPSHQK	CELECVPTC	OGLECVPTG
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Sequence 2, Appendence 26, Acquence 1, Appendence 1, Appendence 1, Appendence 1, Appendence 31, Acquence 31, Acquence 32, Acquence 33, Acquence 34, Appendence 27, Acquence 37, Acquence 37

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APPLICANT: ALITALO, KATI
APPLICANT: PAJUSOLA, KALTI
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
NUMBER OF SEQUENCES: 57
US-08-718-904-2
PCT-US95-10973A-26
US-08-765-340-1
5332671-11
US-08-51-794-1
DCT-US95-10973A-37
PCT-US95-10973A-37
PCT-US95-10973A-37
PCT-US95-10973A-37
PCT-US95-10973A-79
PCT-US95-10973A-79
US-08-718-904-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/609,443B
FILING DATE: 01-MR-1996
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRICE APPLICATION DATA:
APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-MAR-1995
PRIOR APPLICATION NUMBER: US 08/469,427
FILING DATE: 06-JUN-1995
PRIOR APPLICATION NUMBER: US 08/569,063
FILING DATE: 06-DEC-1995
APPLICATION NUMBER: US 08/569,063
FILING DATE: 06-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: EVANS, JOSEPh D
REGISTATION NUMBER: 26,269
REFERENCE/DOCKET NUMBER: 1064/41979C
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 14, Application US/08609443B Patent No. 5840693 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Evenson, McKeown, STREET: 1200 G Street, N.W.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: ERIKSSON, Ulf
APPLICANT: OLOFSSON, Birgitta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (202) 628-8800
TELEFAX: (202) 628-8844
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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
      CORRESPONDENCE ADDRESS:
ADDRESSEE: Evenson, h
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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      US-08-609-443B-14
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      June 11, 2001, 23:10:41 ; Search time 67.03 Seconds (without alignments) 1734.826 Million cell updates/sec
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Patent No. 5194596
Sequence 1, Appli
Sequence 87, Appl
Sequence 89, Appl
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Sequence 25,
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/cgn2_6/ptodata/1/ina/6B_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/PcTUS_COMB.seq:*
                                  GenCore version 4.5
Copyright (c) 1993 - 2000 Compugen Ltd
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-569-663C-14
US-08-609-443B-12
US-08-469-427A-10
US-08-569-063C-10
US-08-569-063C-10
US-08-569-063C-4
US-08-569-063C-4
US-08-609-443B-6
US-08-609-443B-6
US-08-609-443B-6
US-08-609-443B-6
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US-08-469-427A-1
US-08-609-443B-1
US-08-569-063C-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           302621 seqs, 87301344 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                           nucleic search, using sw model
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Maximum DB
                                                                                                                                                           OM nucleic
                                                                                                                                                                                                                                                                                                                                                                                                            Sequence:
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PRIOR DATE: 00 UBC-1399
PRIOR DATE: 00 UBC-1399
APPLICATION NUMBER: US 08/469,427
FILING DATE: 06-04N-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: EVANS, JOSEPH D
REGISTRATION NUMBER: 164/41979CP3
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              588 CGCCGCAGCTTCCTCCGTTGCCAAGGGCGGGGCTTAG
                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/569,063C
FILING DATE: 06-DEC-1995
                                                                                                                                                                                                           TELEPHONE: (202) 628-8800
TELEFAX: (202) 628-8844
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                  83.4%;
98.8%;
                                                                                                                                                                                                                                                               LENGTH: 624 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
    OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                        linear
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Best Local Similarity
Matches 570; Conserv
                                                                                                                                                                                                                                                                                                                               ORIGINAL SOURCE:
TISSUE TYPE: h
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Matches
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                                                                                                          Ϊ
                                                                             Length 624;
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                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: ERIKSSON, Ulf
APPLICANT: OLOFSSON, Birgitta
APPLICANT: OLOFSSON, Birgitta
APPLICANT: ALITALO, Kari
APPLICANT: PAUUSOLA, Kari
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH
TITLE OF INVENTION: DNA CODING THEREFOR
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
                                                                                                          .
9
                                                                             Score 555.4; DB 2;
Pred. No. 1.7e-124;
0; Mismatches 6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             586 CGCCGCAGCTTCCTCCGTTGTCAAGGGCGGGGCTTAG 622
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 14, Application US/08569063C Patent No. 5928939 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         IBM PC compatible
                                                                               83.4%;
98.8%;
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                                                                                           Best Local Similarity 98.8
Matches 570; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MOLECULE TYPE: C
ORIGINAL SOURCE:
TISSUE TYPE: h
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COMPUTER: IB
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US-08-569-063C-14
                                       US-08-609-443B-14
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TCATGGATAGATGTGTATACTCGCGCTACCTGCCAGCCCCGGGAGGTGGTGGTGCCCTTG 165 109 TCATGGATAGATGTGTATACTCGCGCTACCTGCCAGCCCCGGGAGGTGGTGGTGCCCTTG 168 ACTGTGGGGGCTCATGGGCACCGTGGCCAAACAGCTGGTGCCCAGCTGCGTGACTGTGCAG 226 CGCTGTGGTGGCTGCTGCCCTGACGATGGCCTGGAGTGTGTGCCCACTGGGCAGCACCAA 286 GTCCGGATGCAGATCCTCATGATCCGGTACCCGAGCAGTCAGCTGGGGGGAGATGTCCCTG 289 GTCCGGATGCAGATCCTCATGATCCGGTACCCGAGCAGTCAGCTGGGGGAGAGTGTCCTG 406 AGGGCTGCTACTCCCCACCACGTCCCCAGCCCCGTTCTGTTCCGGGCTGGGACTCTGCC 528 CCACGCTGCACCCAGCACCACCAGCGCCCTGACCCCCGGACCTGCCGCCGCCGCCGCTGCCGA 346 GAAGAACACAGCCAGTGTGAATGCAGACCTAAAAAAAAGGACAGTGCTGTGAAGCCAGAC CCCGGAGCACCCTCCCCAGCTGACATCACCCAATCCCACTCCAGGCCCCAGGCCCCTCTGC CCACGCTGCACCCAGCACCACTGCCCTGACCCCGGGACCTGCCGCTGCCGCTGTCGA Length 624; Indels PatentIn Release #1.0, Version #1.25 DB 2; Score 555.4; DB 2 Pred. No. 1.7e-124 0; Mismatches 6 CGCCGCAGCTTCCTCCGTTGTCAAGGGCGGGGCTTAG 622

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ATGGAACTCATGGGCAATGTGGTCAAACAACTAGTGCCCAGCTGTGTGACTGTGCAGCGC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: ERIKSSON, Ulf
APPLICANT: OLOFSSON, Birgitta
APPLICANT: ALITALO, Kari
APPLICANT: PALITALO, Kari
APPLICANT: PALITALO, KARI
APPLICANT: PALITALO
APPLICANT: PALITALO
APPLICANT: PALITALO
ASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: DNA CODING THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         E: Evenson, McKeown, Edwards & Lenahan, P.L.L.C.
1200 G Street, N.W., Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/569,063C
FILING DATE: 06-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US 08/469,427 FILING DATE: 06-JUN-1995 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-MAR-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   26,269
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: EVANS, Joseph D
REGISTRATION NUMBER: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 2: CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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                                                                                                                                                   APPLICANT: ERIKSSON, Ulf
APPLICANT: OLOFSSON, Birgitta
APPLICANT: ALITALO, Kari
APPLICANT: ALITALO, Kari
TITLE OF INVENTION: VASCULAR ENDOPHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: DNA CODING THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 464.4; DB 2;
Pred. No. 9.7e-103,
0; Mismatches 61;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PALOCATION NUMBER: US 08/397,651
FILING DATE: 01-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/469,427
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/569,063
FILING DATE: 06-DEC-1995
ATTORNEY/AGENT INFORMATION:
NAME: EVANS, JOSEPH D
REGISTRATION NUMBER: 26,269
REFERENCE/DOCKET NUMBER: 1064/41979C
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08/609,443B
FILING DATE: 01-MAR-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/WS-DOS
                                                                                                                                                                                                                                                                                                                                      E: Evenson, McKeown,
1200 G Street, N.W.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: (202) 628-8844
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 624 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 69.7
Best Local Similarity 89.2
Matches 512; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                  Washington
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                                                                                                                                                                                                                                                                                                                                                                                                                                                20005
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                                                                                                                                                                                                                                                                                                                                                                                CITY: Was
STATE: DC
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               169
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COMPUTER READABLE FORM: MEDIUM TYPE: Floppy

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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,427A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION TATA:
APPLICATION NUMBER: US 08/397,651
ATELING DATE: 01-MAR-1995
ATTORNEY/AGENT IRFORMATION:
                                                                                                                                                                                                                                                                                   TELEPHONE: (202) 628-8800
TELEPAX: (202) 628-8844
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                           ) ORIGINAL SOURCE:

, TISSUE TYPE:

US-08-469-427A-10
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                                                                                                                                                                                                           61;
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                                                                                                                                                                       Score 464.4; DB 2;
Pred. No. 9.7e-103;
0; Mismatches 61;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         69.7%;
89.2%;
LENGTH: 624 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                       Query Match 69.7
Best Local Similarity 89.2
Matches 512; Conservative
                                                                                           ORIGINAL SOURCE:
TISSUE TYPE: mouse
US-08-569-063C-12
                                                                 CDNA
                                               TOPOLOGY: linear MOLECULE TYPE: CDN2
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human fibrosarcoma

REFERENCE/DOCKET NUMBER: 41979cp2 TELECOMMUNICATION INFORMATION: TELEPHONE: (202) 628-8800

LENGTH: 570 base pairs TYPE: nucleic acid

linear

MOLECULE TYPE: STRANDEDNESS: TOPOLOGY:

NAME: Evans, Joseph D REGISTRATION NUMBER: 26,269

106 TCATGGATAGATGTGTATACTCGCGCTACCTGCCAGCCCCGGGAGGTGGTGGTGCCCTTG 165 410 525 46 GICCCCGCCCAGGCCCCTGTCTCCCAGCCTGATGCCCCTGGCCACCAGAGAAAGTGGTG 105 286 GTCCGGATGCAGATCCTCATGATCCGGTACCCGAGCAGTCAGCTGGGGGGAGATGTCCCTG 345 346 GAAGAACACAGCCAGTGTGAATGCAGACCTAAAAAAAGGACAGTGCTGTGAAGCCAGAC 405 406 AGGGCTGCTACTCCCCACCACCGTCCCCAGCCCCGTTCTGTTCCGGGCTGGGACTCTGCC 465 429 585 52 GCCCCCCCCCCCCCCCTGTCTCCCCCTGATGCCCTGGCCACCAGAAAGTGGTG 111 112 TCATGGATAGATGTGTATACTCGCGCTACCTGCCAGCCCCGGGAGGTGGTGGTGCCTTG 171 172 ACTGTGGAGCTCATGGGCACCGTGGCCAAACAGCTGGTGCCCAGCTGCGTGACTGTGCAG 231 Gaps 166 ACTGTGGAGCTCATGGGCACCGTGGCCAAACAGCTGGTGCCCAGCTGCGTGACTGTGCAG CGCTGTGGTGGTGCTGCTGCCCTGACGATGCCTTGGAGTGTGTGCCCACTGGGCAGCACCAA 466 CCCGGAGCACCTCCCCAGCTGACATCACCCAATCCCACTCCAGCCCCAGGCCCCTCTGC CCACGCTGCACCCAGCACCACCAGTGCCCTGACCCCGGACCTGCCGCTGCCGCTGTCGA Indels 102; Length 570; DB 1; Score 400.6; DB 1; Pred. No. 1.7e-87; 0; Mismatches 4; 60.28; Query Match 60.2%; Best Local Similarity 482699; Matches 515; Conservative 226 292 352 411 411 g ò q ò

APPLICANT: Listan, Ulf
APPLICANT: Birgitta
APPLICANT: Alitalo, Kari
APPLICANT: Alitalo, Kari
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Evenen

STREET: 1200 G St CITY: Washington STATE: DC

S:08:469-427A-10-4-1 Sequence 100, Application US/08469427A Ratentano, S6009988

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-----CAGCCCCAGGCCCTCTGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CGCCGCAGCTTCCTCCGTTGTCAAGGGCGGGGCTTAGAGCTCAACCCAGACACCTGCAGG
                                                                                                                CGCTGTGTGGTGCTGCCCTGACGATGGCCTGGAGTGTGTGCCCACTGGGCAGCACCAA
                                                                                                                                                                                             GTCCGGATGCAGATCCTCATGATCCGGTACCCGAGCAGTCAGCTGGGGGAGATGTCCCTG
                                                                                                                                                                                                                                                                        526 CCACGCTGCACCCAGCACCACCAGTGCCCTGACCCCGGACCTGCCGCTGCCGCTGTCGA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                406 AGGGCTGCTACTCCCCACCACCGTCCCCAGCCCCGTTCTGTTCCGGGCTGGGACTCTGCC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
APPLICANT: ERIKSSON, U1f
APPLICANT: OLOSSON, Birgitta
APPLICANT: ALITALO, Kari
APPLICANT: ALITALO, Kari
I PALUSOLA, Katti
TILE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: DNA CODING THEREFOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: 1200 G Street, N.W., Suite 700 CTTY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/569,063C FILING DATE: 06-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/469,427
FILING DATE: 06-JUN-1995
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk COMPUTER: IBM PC COMPALIble OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: PACENTIN Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 10, Application US/08569063C Patent No. 5928939
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          646 TGCCGGAAGCTGCGAAGGTGA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 2. CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: NC.
STATE: DC.
COUNTX: USA
TO: 20005
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                      490 GGCGCAGCTTCCTCCGTTGCCAAGGCGGGGCTTAGAGCTCAACCCAGACACCTGCAGG
                                                                                                                                                                                                                                                                                                                APPLICANT: ALITALO, KARI
APPLICANT: PAJUSOLA, KALTI
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: DNA CODING THEREFOR
WUMBER OF SEQUENCES: 57
                                                                                                                                                                                                                                                                                                                                                                                                                                       Lenahan,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERARE: Patentin Release #1.0, Version #1.
CURRENT APPLICATION DATA:
APPLICATION UNBER: US/08/609,443B
FILING DATE: 01-MAR-1996
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 400.6; DB;
Pred. No. 1.7e-87;
0; Mismatches
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PRIOR APPLICATION NUMBER: US 08/397,651

FILING DATE: 01-WAR-1995

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/469,427

FILING DATE: 06-JUN-1995

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/569,063

FILING DATE: 06-DEC-1995

APPLICATION NUMBER: US 08/569,063

RECISTRATION NUMBER: 26,269

RECISTRATION NUMBER: 26,269

RECISTRATION NUMBER: 1064/41979C

TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Evenson, McKeown, STREET: 1200 G Street, N.W.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              E: Floppy disk
IBM PC compatible
                                                                                           550 TGCCGGAAGCTGCGAAGGTGA 570
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Best Local Similarity 82.9%;
Matches 515; Conservative
                                                                           TGCCGGAAGCTGCGAAGGTGA
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TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ORIGIAAL SOURCE:
TISSUE TYPE: human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
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Lenahan, P.L.L.C

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STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  292 GTCCGGATGCAGATCCTCATGATCCGGTACCCGAGCAGTCAGCTGGGGGAGATGTCCCTG
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                                                                                                                                                                                                                                                                                                                                                                                                                        Length 570;
                                                                                                                                                                                                                                                                                                                                                                                                                            DB 2;
                                                                                                                                                                                                                                                                                                                                                                                                                      Score 400.6; DB 2;
Pred. No. 1.7e-87;
0; Mismatches 4;
       ATTORNEY/AGENT INFORMATION:
NAME: EVANS, JOSEPH D
REGISTRATION NUMBER: 26,269
REFERENCE/DOCKET NUMBER: 1064/41979CP3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-8844
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 570 base pairs
TYPE: nucleic acid
STRANDEDINESS: single
APPLICATION NUMBER: US 08/397,651
                                                                                                                                                                                                                                                                                                                     ; ORIGINAL SOURCE:
; TISSUE TYPE: human fibrosarcoma
US-08-569-063C-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            646 TGCCGGAAGCTGCGAAGGTGA 666
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Best Local Similarity 82.9%;
Matches 515; Conservative
                                                                                                                                                                                                                                                                                   MOLECULE TYPE: CDNA HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                       linear
                                                                                                                                                                                                                                                                       TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     411
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229 TGTGGTGGTGCTGCTGACGATGGCCTGGAGTGTGTGCCCACTGGGCAGCACCAAGTC 288
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          50 CGCACCCAGGCCCCTGTGTGTCCCAGTTTGATGGCCCCAGCCACCAGAAGAAGTGGTGCCA 109
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          169 GTGGAGCTCATGGGCACCGTGGCCAAACAGCTGGTGCCCAGCTGCGTGACTGTGCAGCGC 228
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               289 CGGATGCAGATCCTCATGATCCGGTACCCGAGCAGTCAGCTGGGGGGAGATGTCCCTGGAA 348
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  290 CGAATGCAGATCCTCATGATCCAGTACCCGAGCAGTCAGCTGGGGGAGATGTCCCTGGAA 349
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Eriksson, Ulf
APPLICANT: Olofsson, Birgitta
APPLICANT: Alitalo, Kari
APPLICANT: Alitalo, Katri
APPLICANT: Alitalo, Katri
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: DNA CODING THEREFOR
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
47.4%; Score 316; DB 1;
Best Local Similarity 74.6%; Pred. No. 2.9e-67;
Matches 461; Conservative 0; Mismatches 55.
                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Evenson, McKeown, Edwards & STREET: 1200 G Street, N.W., Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/469,427A FILING DATE: 06-JUN-1995 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Evans, Joseph D
REGISTRATION NUMBER: 26,269
REFERENCE/DOCKET NUMBER: 41979cp2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-8800
TELEFAX: (202) 628-8844
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-MAR-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORIGINAL SOURCE:
TISSUE TYPE: adult mouse heart
Sequence 4, Application US/08469427A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 565 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                                                                                                                                                    CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 06 CLASSIFICATION:
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RESULT 8 US-08-469-427A-4 us-09-033-662-1.rni

2222	487 Db 50 648 Qy 109 547	Db 110 7 Oy 169 0 Db 170 9	229	27 262 CGGAT 1 1 Db 290 CGAAT	AND 349 GAACA 1111 DD 350 GAACA	C. Db 406 ccrdc		Db 406	428	Qy 589 CGCAC	649	Db 548 CGGAP	RESULT 10 US-08-569-063C- ; Sequence 4, F ; Patent No. 55 ; GENERAL INFC ; APPLICANT ; APPLICANT ; APPLICANT ; TITLE OF 1
350 409 406	Db 428 CCTTGCACCCACGCGCGTCAACGCCCTGACCCCGGACCTGCCGGTGCCGCTGCAGACGC Qy 589 CGCAGCTTCCTCCGTTGTCAAGGGGGGGCTTAGAGCTCAACCCAGACACCTGCAGGTGC	Qy 649 CGGAAGCTCCGAAGGTGA 666 	RESULT 9 US-08-609-443B-4 : Sequence 4, Application US/08609443B : Patent No. 5840693	; SENERAL INCOMPATION. ; APPLICANT: COLFSSON, Ulf ; APPLICANT: OLOFSSON, Birgitta . APPLICANT: AITTAIO RESI	APPLICANT: ALITADO, MALLI APPLICANT: PAJUSOLA, KALLI TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND TITLE OF INVENTION: DNA CODING THEREFOR	SEQUENCES: IDENCE ADDRESS EE: Evenson, 1200 G Stre	7E.	ZIP: 20005 COMPUTER READABLE FORM: MEDIUM TYPE: Flordy disk	COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARP: Datent'n Paleace #1 0 Vorcion #1 25	ICATION DATA: NN NUMBER: US/08/609,44 FE: 01-MAR-1996	25	AFFLICATION NUMBER: US US/397,031 FILING DATE: U1-MAR-1995 PRIOR APPLICATION DATA: ADDITORATION NUMBER: US 08/450 427	APPLICATION NUMBER: US US US/405,42/ FILING DATE: 06-JUN-1995 PRIOR APPLICATION DATA: APPLICATION NUMBER: US 08/569,063 FILING DATE: 06-DEC-1995 ATTORNEY/AGENT INFORMATION: NAME: EVANS, Joseph D REGISTRATION NUMBER: 26,269 REFERENCE/DOCKET NUMBER: 1064/41979CP4 FLECOMMUNICATION INFORMATION: TELEFAX: (1202) 628-8800 TELEFAX: (1202) 628-8800 TELEFAX: (1202) 628-8844 INFORMATION FOR SEQ ID NO: 4: SEQUENCE CHARACTERISTICS: LENGTH: 565 base pairs TYPE: nucleic acid

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                                                                                                                                            ACAGCCAGTGTGAATGCAGACCTAAAAAAAGGACAGTGCTGTGAAGCCAGACAGG 408
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                                                                                                           55; Indels 102;
                                                                                    Length 565;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   : Evenson, McKeown, Edwards & Lenahan, P.L.L.C.
1200 G Street, N.W., Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           : PAJUSOLA, KATTI
INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B
INVENTION: DNA CODING THEREFOR
                                                                                   Score 316; DB 2;
Pred. No. 2.9e-67;
0; Mismatches 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  13C-4

, Application US/08569063C
5928939
.NFORMATION:
.NT: ERIKSSON, Ulf
.NT: OLOFSSON, Birgitta
.NT: ALITALO, Kari
.NT: PAJUSOLA, Kari
                                           heart
                                                                                    47.48; imilarity 74.68; conservative
                                             adult mouse
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AGCTGCGAAGGTGA 666
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GY: linear
TYPE: cDNA
ICAL: NO
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                     CAL: NO
SOURCE:
TYPE: a
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109 TGGATAGATGTGTATACTCGCGCTACCTGCCAGCCCGGGAGGTGGTGCTGCCCTTGACT 168
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels 123; Gaps
529 CGCTGCACCCAGCACCAGTGCCCTGACCCCGGACCTGCCGCTGCCGCTGTGGACGC
                                                                                                             589 CGCAGCTTCCTCCGTTGTCAAGGGCGGGCTTAGAGCTCAACCCAGACACCTGCAGGTGC
                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: ETIXSOON, U1f
APPLICANT: Olofsson, U1f
APPLICANT: Olofsson, Birgitta
APPLICANT: Alitalo, Kari
APPLICANT: Pajusola, Katri
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: DNA CODING THEREFOR
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 42.8%; Score 285; DB 1; Length 591; Best Local Similarity 72.1%; Pred. No. 7.5e-60; Matches 461; Conservative 0; Mismatches 55; Indels 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,427A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Evenson, McKeown, Edwards & Lenahan
STREET: 1200 G Street, N.W., Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 41979cp2
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APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-MAR-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                 Sequence 6, Application US/08469427A; Patent No. 5607918; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  adult mouse heart
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RECISTRATION NUMBER: 26,269
REFERENCE/DOCKET NUMBER: 419
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-8800
TELEFAX: (202) 628-8844
                                                                                                                                                                                                        548 CGGAAGCCGCGAAAGTGA 565
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nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS: single
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OPERATING SYSTEM:
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TISSUE TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 565;
                                                                                                                                           CURRENT APPLICATION DATA:

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/569,063C

FILING DATE: 06-DEC-1995

PRIOR APPLICATION NUMBER: US 08/427

FILING DATE: 06-JUN-1995

PRIOR APPLICATION NUMBER: US 08/397,651

FILING DATE: 01-MR-1995

ATTORNEY/AGENT INFORMATION:

NAME: EVANS, JOSEPh D

REGISTRATION NUMBER: 1064/41979CP3

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 565 base pairs

TYPE: MOLDALS single
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Pred. No. 2.9e-67;
0; Mismatches 55;
                                                                                                        COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ORIGINAL SOURCE:
; TISSUE TYPE: adult mouse heart
US-08-569-063C-4
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al Similarity 74.6%;
461; Conservative
                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
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Best Local Similarity
Matches 461; Conserva
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MOLECULE TYPE: CI
HYPOTHETICAL: NO
                                         20005
                    COUNTRY:
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TGGATAGACGTTTATGCACGTGCCACATGCCAGGCCCAGGGAGGTGGTGGTGCCTCTGAGC
                                     CGGATG-------CAGATCCTCATGATCCGGTACCCGAGCAGTCAG
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                        GTGGAGCTCATGGGCACCGTGGCCAAACAGCTGGTGCCCAGCTGCGTGACTGTGCAGCGC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 6, Application US/08609443B
Patent No. 5840693
GENERAL INFORMATION:
APPLICANT: ERKSSON, Ulf
APPLICANT: ALITALO, Karl
APPLICANT: ALITALO, Karl
APPLICANT: PAJUSOLA, Karl
TILLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B ITILE OF INVENTION: DNA CODING THEREFOR NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/609,443B
FILING DATE: 01-MAR-1996
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                        AACCCAGACACCTGCAGGTGCCGGAAGCTGCGAAGGTGA 666
                                                                                                                                                                                                                                                                                                                                                                                                                                     Edwards & I
Suite 700
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APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/469,427
FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Evenson, McKeown,
STREET: 1200 G Street, N.W.,
CITY: Washington
STATE: DC
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     568 TGCCGCTGCCGCTGTCGACGCCGCAGCTTCCTCCGTTGTCAAGGGCGGGGGCTTAGAGGTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AACCCAGACACCTGCAGGTGCCGGAAGCTGCGAAGGTGA 666
                                                                                                                                                                                                                                                                                                                                                                                                        Score 285; DB 2;
Pred. No. 7.5e-60;
                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AGTGCTGTGAAGCCAGA---------
                                                   NAME: EVANS, Joseph D
REGISTRATION UNBER: 26,269
RECERENCE/DOCKET NUMBER: 1064/41979CP4
TELECOMMUNICATION INFORMATION:
TELEPHOKE: (202) 628-8800
TELEPHOKE: (202) 628-8844
INFORMATION FOR SEQ ID NO: 6:
us 08/569,063
                                                                                                                                                                                                                                                                                                                                                                                                        42.8%;
72.1%;
             FILING DATE: 06-DEC-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
LENGTH: 591 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches 461; Conservative
                                                                                                                                                                                                                                                                                                              ORIGINAL SOURCE:
TISSUE TYPE: adult
                                                                                                                                                                                                                                                                            MOLECULE TYPE: CDNA
                                                                                                                                                                                                                                                            linear
                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
                                                                                                                                                                                                                        TYPE: nucleic STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CGGATG---
                                                                                                                                                                                                                                                            TOPOLOGY:
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EST AVAILABLE COPY

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SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,427A
FILING DATE: 06-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-MAR-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Evenson, McKeown, Edwards & Lenahan
STREET: 1200 G Street, N.W., Suite 700
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              628 AACCCAGACACCTGCAGGTGCCGGAAGCTGCGAAGGTGA 666
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          553 AACCCAGACACCTGTAGGTGCCGGAAGCCGCGAAAGTGA 591
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 8, Application US/08469427A
; Patent No. 5607918
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Evans, Joseph D
REGISTRATION NUMBER: 26,269
REFERENCE/DOCKET NUMBER: 419
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEPHONE: (202) 628-8800
TELEFAX: (202) 628-8844
INFORMATION FOR SED ID NO: 8: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  nucleic acid
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     235 TGTGGTGGCTGCTGCCTGACGATGCCTTGGATGTGTGCCCACTGGGCAACACCAAGTC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    55; Indels 123;
                                                                                     APPLICANT: ERIKSSON, U1f
APPLICANT: OLOFSSON, Birgitta
APPLICANT: ALITALO, Kari
APPLICANT: PAJUSOLA, Katri
APPLICANT: PAJUSOLA, Katri
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: DNA CODING THEREFOR
TUMBER OF SEQUENCES: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 285; DB 2; Length 591;
Pred. No. 7.5e-60;
0; Mismatches 55; Indels 1:
                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Verenson, McKeown, Edwards & Lenahan, P.L.L.C.
STREET: 1200 G Street, N.W., Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OPERATING SYSTEM: PC_DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
FILING DATE: 05-063C
FILING DATE: 06-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/469,427
FILING DATE: 06-JUN-1995
PRIOR APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: EVANS, JOSEPH D
REGISTRATION NUMBER: 26,269
REFERENCE/CDCKET NUMBER: 1064/41979CP3
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-8800
TELEPHONE: (202) 628-8804
INFORMATION FOR SEQ ID NO: 6:
            Sequence 6, Application US/08569063C
Patent No. 5928939
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 72.1%;
Matches 461; Conservative
                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
LENGTH: 591 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                           CITY: Washington
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US-08-569-063C-6
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508 AGCCCCAGGCCCTCTGCCCACGCTGCACCCACCACCACTGCCCTGACCCCGGACC 567
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                                                                                                                                              388 AGTGCTGTGAAGCCAGACAGGGCTGCTACTCCCCACCACCGTCCCCAGCCCCGTTCTGTT 447
                                                                                                                                                                                                                                                                                            448 CCGGGCTGGGACTCTGCCCCCGGAGCACCCTCCCCAGCTGACATCACCCAATCCCACTCC 507
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APPLICANT: Eriksson, Ulf
APPLICANT: Clofsson, Birgitta
APPLICANT: Alitalo, Kari
APPLICANT: Pajusola, Kari
TITLE OF INVENTION: VASCULAR ENDOTHELIAL GROWTH FACTOR-B AND
TITLE OF INVENTION: DNA CODING THEREFOR
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us-09-033-662-1.rni

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TELEPHONE: (202) 628-8800
TELEFAX: (202) 628-8844
INFORMATION FOR SEO ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                LENGTH: 405 base pairs;
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-609-443B-8
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                                                                              CCCGCCCAGGCCCCTGTCTCCCAGCCTGATGCCCCTGGCCACCAGAGGAAAGTGGTGTCA 108
                                                                                             TGGATAGATGTGTATACTCGCGCTACCTGCCAGCCCCGGGAGGTGGTGGTGGTCCCTTGACT 168
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                                                     Gaps
                                                                                                                                                                                  175 ATGGAACTCATGGGCAATGTGGTCAAACAACTAGTGCCCAGCTGTGTGACTGTGCAGCGC
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                                                     2;
                          Length 405;
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                                                                                                                                                                                                                                                                                                                                             349 GAACACACAGTGTGAATGCAGACC - TAAAAAAAAGGACAGTGCTGTGA
                                                     Indels
                           DB 1;
                           Score 277.8; DB 1
Pred. No. 3.6e-58;
                                                    0; Mismatches
                           41.7%;
88.9%;
                                                     Conservative
                                      Best Local Similarity
Matches 312; Conserv
                           Query Match
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PRICENT NO. 354,000.
GENERAL INFORMATION:
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANTION:
VASCULAR ENDOPHELIAL GROWTH FACTOR-B AND TITLE OF INVENTION:
TITLE OF INVENTION:
DNA CODING THEREFOR
TITLE OF ENVENTION:
TO SEQUENCES: 57
                                                                                                                                                                                                                                                                S: Evenson, McKeown, Edwards & Lenahan, P.L.L.C.
1200 G Street, N.W., Suite 700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/609,443B
FILING DATE: 01-MAR-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/397,651
FILING DATE: 01-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/469,427
FILING DATE: 06-JUN-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               JMBER: US 08/569,063
06-DEC-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
Sequence 8, Application US/08609443B Patent No. 5840693
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: EVANS, Joseph D
REGISTRATION NUMBER: 26,269
REFERENCE/DOCKET NUMBER: 106
                                                                                                                                                                                                                                                                                                                                                                                                                                     Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
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FILING DATE: 06-DEC
                                                                                                                                                                                                                                                                                                             Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE:
                                                                                                                                                                                                                                                                ADDRESSEE:
STREET: 120
CITY: Washi
                                                                                                                                                                                                                                                                                                                                                                                     20002
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COUNTRY:
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1064/41979CP4

INFORMATION:

PELECOMMUNICATION

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49 CCCGCCCAGGCCCCTGTCTCCCAGCCTGATGCCCCTGGCCACCAGAGGGAAAGTGGTGTCA 108
                                                                                                                      109 TGGATAGATGTGTATACTCGCGCTACCTGCCAGCCCGGGAGGTGGTGGTGCCCTTGACT 168
                                                                                                                                      115 TGGATAGACGTTTATGCACGTGCCACATGCCAGCCCAGGGAGGTGGTGCTTTATGCACGTTCTGAGC 174
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                                                                                                                                                                                     GTGGAGCTCATGGGCACCGTGGCCAAACAGCTGGTGCCCAGCTGCGTGACTGTGCAGCGC
 Length 405
                                                                                                                                                                                                                                                                                                                                                                                       349 GAACACAGCCAGTGTGAATGCAGACC - - TAAAAAAAAGGACAGTGCTGTGA
 DB 2;
                Pred. No. 3.6e-58;
                            0; Mismatches
 Score 277.8;
41.7%;
88.9%;
                              Matches 312; Conservative
                Similarity
 Query Match
                 Best Local
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Search completed: June 12, 2001, 00:10:03 Job time: 3562 sec

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